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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER	
LIN, KELVIN Y	

ART UNIT	PAPER NUMBER
2142	

DATE MAILED: 05/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/931,844	HEILIG ET AL.	
	Examiner	Art Unit	
	Kelvin Lin	2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *14 February 2005*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-52* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-52* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

S.O.O.

Detailed Action

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-52 are rejected under 35 USC 102(e) as being anticipated by Dutta et al.,(U.S. Patent 6615212).

3. Regarding claim 1, Dutta teaches a system for accessing data stored at a remote host in a computer network, comprising:

- a proxy server having a code section including instructions for receiving a request for data from a client (Dutta, col. 2, l. 41-43), and
- making a determination whether the requested data should be rendered before transmission to the client (Dutta, col. 2, l.45-57);

and

- a processing server coupled to the proxy server and having a code section including instructions for receiving the rendering determination from the proxy server(Dutta, col. 2, l.53),
- rendering the requested data, and transmitting the rendered data to the client (Dutta, col.2, l.54-55).

4. Regarding claim 2, Dutta further discloses the system of claim 1, wherein the proxy server further comprises a code section including instructions for storing the requested data in an intermediate data store if it is determined that the requested data should be rendered before transmission to the client; and the processing server further comprises a code section including instructions for retrieving data stored in the intermediate data store (Dutta, col.8, l.37-38, Dutta teaches that " .. the transcoding proxy server locates the document in data format X. The transcoding proxy server determines format options ...". The term "locates" means "to find by searching or examining.." – from American Heritage College Dictionary. Therefore the transcoding proxy server has the capability of sending instruction to store or retrieve document and the determination before the transmission).

5. Regarding claim 3, Dutta further discloses the system of claim 1, wherein the proxy server includes a code section including instructions for transmitting address information to the processing server, wherein the address information

corresponds to the storage location of the requested data at a data server; and the processing server includes a code section containing instructions for retrieving the requested data from the data server (Dutta, col. 2, l.43-44, In the distributed data processing system the instruction and address information for message sending and receiving is an ordinary skill in the art.).

6. Regarding claim 4, Dutta further discloses the system of claim 3, wherein the proxy server further comprises a code section containing instructions for generating a link message containing address information corresponding to the requested data; and a code section containing instructions for transmitting the link message to the client (Dutta, col. 1, l.46-47).

7. Regarding claim 5, Dutta further discloses the system of claim 4, wherein the link message further includes data type information describing the requested data (Dutta, col. 5, l.44-50).

8. Regarding claim 6, Dutta further discloses the system of claim 4, wherein the link message further includes a client identifier and a session identifier (Dutta, col. 1, l.48-55).

9. Regarding claim 7, Dutta further discloses the system of claim 3, wherein the address information of the requested data comprises a URL and the data type information comprises a MIME type (Dutta, col.6, l.61-64).

10. Regarding claim 8, Dutta further discloses the system of claim 3, wherein the client further comprises a data handler including a code section containing instructions for establishing a communication link between the client and the

processing server and for receiving the rendered data from the processing server (Dutta, col. 3, l.33-36)

11. Regarding claim 9, Dutta further discloses the system of claim 1, wherein the proxy server includes a code section containing instructions for directly transmitting the requested data to the client upon the proxy server determining that the requested data do not have to be rendered before transmission to the client (Dutta, col.10, l.12-15).

12. Regarding claims 10-20, have similar limitations as claims 1-9. Therefore, claims 10-20 are rejected for the same reasons set forth in the rejection of claims 1-9.

13. Regarding claim 21, Dutta further discloses the method of claim 10, comprising

- pre-selecting requests for data into a first category comprising requests wherein the requested data should be rendered (Dutta, col. 8, l.33-37), and
- a second category wherein the requested data should not be rendered (Dutta, col.9, l.18-20);
- transmitting requests in the first category to the proxy server (Dutta, col.(Dutta, col.8, l.33-34); and
- transmitting the requested data corresponding to requests in the second category directly to the client (Dutta, col.9, l.22-26).

14. Regarding claim 22, Dutta further discloses the method of claim 10, wherein at least the proxy server, the processing server, and the intermediate data storage are connected on a local area network (Dutta, col.3, l.54-57, col.4, l.37).

15. Regarding claims 23-34, which render the computer-based method for accessing data in computer network, have similar limitations as claims 10-22. Therefore, claims 23-34 are rejected for the same reasons set forth in the rejection of claims 10-22.

16. Regarding claim 35, Dutta further discloses a method for accessing data in a network, comprising:

- receiving a message at a processing server to render data requested by a client (Duta, col.5, l.50-53);
- retrieving the requested data from an intermediate data store (Dutta, col.6, l.58-60) ;
- transmitting the requested data to the processing server(Dutta, col.5, l.66-67);
- rendering the requested data at the processing server(Dutta, col. 6, l.1-5); and
- transmitting the rendered data to the client (Dutta,col.6, l.42-46).

17. Regarding claim 36, Dutta further discloses the method of claim 35, wherein the processing server is instructed by a data handler running at the client to retrieve the requested data from the intermediate data store (Dutta, col.11, l.11-17).

18. Regarding claim 37, Dutta further discloses the method of claim 35, wherein the processing server receives address information corresponding to the requested data, and retrieves the requested data from a data server using the address information (Dutta, col.2, l.39-44, col.11, l.7-10).

19. Regarding claim 38, Dutta further discloses the method of claim 35, wherein the message to render data requested by the client is pre-selected (Dutta, col.9, l.6-10).

20. Regarding claim 39 , Dutta further discloses a computer program product comprising a medium configured to store or transport computer readable code for a method comprising: receiving a request for data from a client at a proxy server; determining whether the requested data have to be rendered before transmission to the client; rendering the data at a processing server; and transmitting the rendered data to the client (Dutta, col.6, l.12-60).

21. Regarding claim 40 , Dutta further discloses a proxy server comprising: a processor; a memory connected to said processor, and containing code containing instructions configured, upon execution of said instructions by the processor, to cause the proxy server to receive a data request from a client; to determine whether the data requested by the client should be rendered, and to retrieve the requested data from a data server; and to authorize a processing server to retrieve and render the requested data in accordance with the determination of the proxy server, and to transmit the rendered data to the client (Dutta, col.4, l.1-42, col.6, l.1-60).

22. Regarding claims 41-52, have similar limitations as claims 10-22. Therefore, claims 41-52 are rejected for the same reasons set forth in the rejection of claims 10-22.

Responds to Remarks

23. The Application's arguments with respect to claims 1-52 have been considered but are not persuasive . Examiner appreciates detail description of prior art.

24. Regarding claim 1, applicant argues that "Dutta clearly describes in this section that the operations are performed on a single server".

In Fig.4, and col.5, l.30-43, Dutta clearly teaches the system in multiple clients/servers environment. The statement in col.2, l.41-47, is an example of end-to-end environment and without loss the generality.

25. Regarding claim 10, applicant argues that "examiner has failed to cite the generation of a rendering request, or generating rendered data at the processing server."

Dutta teaches that the proxy server translates (generates) the request from a format sent by client to a format compatible with the particular originate server, .. receives the request, in a format compatible with the particular originating server generating render data). And, once the transcoding proxy server has completed transcoding the requested content, the requested content is sent to requesting client. (Dutts, col.6, l.40-46, corresponds to the transmitting the rendered data to the client).

Claims 11-34 depend from claim 10 are also rejected.

26. Regarding claim 35 has a similar limitation as claim 10. Therefore, claim 35 is rejected for the same reason set forth in the rejection of claim 10.

Claims 36-38 depend from claim 35 are also rejected

27. Regarding claim 39, applicant argues that "..this section does not include any description of a proxy server or a processing server".

Examiner contends Dutta discloses that the fig.1 is a pictorial representation of a distributed data processing system, and Fig.4, based on fig.1 is a representation of proxy transcoding server system. (Dutta, col.3, l.10-13). In addition, Dutta discloses that the receiving a request for the data from a client at a proxy server (Dutta, col.6, l.12-15), determining whether the requested data have to be rendered before transmission to the client (Dutta, col.6, l.26-30), and transmitting the rendered data to the client (Dutta, col.6, l.42-46).

28. Regarding claim 40, applicant argues the examiner has failed to cite "authorize a processing server to retrieve and render the requested data in accordance with the determination of the proxy server, and to transmit the rendered data to the client".

Dutta clearly teaches the transcoding proxy server then translates the request from a format sent by client, to a format compatible with originate where the content is located, and transfer the associated content to the client (Dutta, col. 6, l.8-15, l.55-60)

Conclusion

29. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first replay is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE MONTH shortened statutory period, then the shortened statutory period will expire on the date advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTH from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kelvin Lin whose telephone number is 571-272-3898. The examiner can normally be reached on Flexible 4/9/5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

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BEATRIZ PRIETO
PRIMARY EXAMINER